

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-7. (Cancelled)
8. (New) A method for producing an implantable medical prosthesis having an anticoagulating and immunomodulatory activity, comprising  
providing an implantable medical prosthesis;  
purifying a liposome destabilase complex from medicinal leeches using an affinity chromatographic column comprising 6-keto-prostaglandin antibodies;  
eluating the purified liposome destabilase complex using a high ionic strength solution; and  
associating the eluated liposome destabilase complex with the implantable medical prosthesis to produce the implantable medical prosthesis having the anticoagulating and immunomodulatory activity.
9. (New) An implantable medical prosthesis, comprising  
a prosthesis support having a surface and a cladding covering at least a part of the surface, wherein the cladding comprises a liposome destabilase complex obtained by a method comprising  
purifying the liposome destabilase complex from medicinal leeches using an affinity chromatographic column comprising 6-keto-prostaglandin antibodies and  
eluating the purified liposome destabilase complex using a high ionic strength solution, wherein the eluated liposome destabilase complex has an anticoagulating and immunomodulatory activity.
10. (New) The implantable medical prosthesis, wherein said prosthesis support is a stent support.